

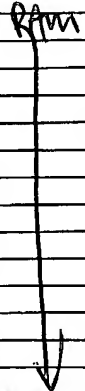
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete If Known Application Number: 10/078,601 Filing Date: February 19, 2002 First Named Inventor: Xiaoming Ren et al. Group Art Unit: 3753 Examiner Name: Not yet assigned Attorney Docket Number: 107044-0013	
Sheet	1	of	2

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
RAM 	1	4,673,624		Hockaday	06/16/1987	
	2	4,810,597		Kumagai et al.	03/07/1989	
	3	5,523,177		Kosek et al.	06/04/1996	
	4	5,573,866		Van Dine et al.	11/12/1996	
	5	5,599,638		Surampudi et al.	02/04/1997	
	6	5,631,099		Hockaday	05/20/1997	
	7	5,723,228		Okamoto	03/03/1998	
	8	5,759,712		Hockaday	06/02/1998	
	9	5,766,786		Pleck et al.	06/16/1998	
	10	5,773,162		Surampudi et al.	06/30/1998	
	11	5,795,668		Banerjee	08/18/1998	
	12	5,916,699		Thomas et al.	06/29/1999	
	13	5,945,231		Narayanan et al.	08/31/1999	
	14	5,992,008		Kindler	11/30/1999	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₀
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

Examiner Signature	RAM	Date Considered	01/22/04
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
Sheet	2	of	2
		Application Number	10/078,601
		Filing Date	February 19, 2002
		First Named Inventor	Xiaoming Ren et al.
		Group Art Unit	3753
		Examiner Name	Not yet assigned
		Attorney Docket Number	107044-0013

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
RAM ↓	1	"Fuel Cell", 1992 Fuel Cell Seminar, Program and Abstracts, pp. 233-236, 461-464.	No date available
	2	"Miniaturized Fuel Cells for Portable Power", Helen L. Maynard and Jeremy P. Meyers, Lucent Technologies, 2000.	
	3	"Pocket-size PEMs", Paul Sharke, Mechanical Engineering.	
	4	"Polymer Electrolyte Fuel Cells as Potential Power Sources for Portable Electronic Devices", Shinshon Gottesfeld and Mahlon S. Wilson, pp. 486-517.	

Examiner Signature	RAM	Date Considered	01/22/04
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Sheet	1	of	2
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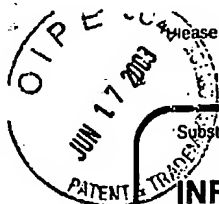
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

Complete if Known

Application Number	10/078,601
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First Named Inventor	Xiaoming Ren et al.
Group Art Unit	3753
Examiner Name	Not yet assigned
Attorney Docket Number	107044-0013

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
RAM	1	4,046,956		Panciullo	09/06/1977	
	2	4,478,917		Fujita et al.	10/23/1984	
	3	4,562,123		Shimizu et al.	12/31/1985	
	4	4,593,534		Bloomfield	06/10/1986	
	5	5,460,896		Takada et al.	10/24/1995	
	6	5,629,104		Crawford, Sr. et al.	05/13/1997	
	7	5,686,200		Barton et al.	11/11/1997	
	8	5,925,476		Kawatsu	07/20/1999	
	9	6,130,175		Rusch et al.	10/10/2000	
	10	6,232,010	B1	Cisar et al.	05/15/2001	
	11	6,248,469	B1	Formato et al.	06/19/2001	
	12	6,265,093	B1	Surampudi et al.	07/24/2001	
	13	6,303,244	B1	Surampudi et al.	10/16/2001	
	14	6,322,917	B1	Acker	11/27/2001	
	15	6,350,540	B1	Sugita et al.	02/26/2002	
	16	6,387,559	B1	Koripella et al.	05/14/2002	
	17	6,410,180	B1	Cisar et al.	06/25/2002	
	18	6,420,059	B1	Surampudi et al.	07/16/2002	
	19	6,447,943	B1	Peled et al.	09/10/2002	
	20	6,458,479	B1	Ren et al.	10/01/2002	

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FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
RAM	1	EP	0 907 979	B1	Luft et al.	03/15/2000		

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Sheet	2	of	3
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Substitute for form 449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 3

Complete if Known

Application Number	10/078,601
Filing Date	February 19, 2002
First Named Inventor	Xiaoming Ren et al.
Group Art Unit	3753
Examiner Name	Not yet assigned
Attorney Docket Number	107044-0013

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
RAM	1	International Search Report for International Application No.: PCT/US03/04766, International Filing Date: 02/18/2003, all pages.	
RAM	2	Lubovskiy, V.V. et al., SYSTEM FOR MONITORING AND REGULATING FUEL CONCENTRATION IN AN ANOLYTE, USSR Author's Certificate, SU 1,610,522 A1, International Classification 5 H 01 M 8/04, Application Date: 09/15/1988, Published: 11/30/1990, all pages.	
*	3	United States Reissued Patent No.: US RE37,656 E, Reissue Date: 04/16/2002, ELECTRODE APPARATUS CONTAINING AN INTEGRAL COMPOSITE MEMBRANE, Bahar et al., all pages.	
*	4	United States Patent Application Publication, Publication No.: US 2002/0076599 A1, Publication Date: 06/20/2002, DIRECT METHANOL FUEL CELL INCLUDING A WATER MANAGEMENT SYSTEM AND METHOD OF FABRICATION, Neutzler et al., all pages.	
*		United States Patent Application Publication, Publication No.: US 2002/0155341 A1, Publication Date: 10/24/2002, SELF-MANAGING ELECTROCHEMICAL FUEL CELL AND FUEL CELL ANODE, Finkelshtain et al., all pages.	
*		United States Patent Application Publication, Publication No.: US 2002/0172851 A1, Publication Date: 11/21/2002, METHODS AND APPARATUSES FOR MANAGING EFFLUENT PRODUCTS IN A FUEL CELL SYSTEM, Corey et al., all pages.	
*		United States Patent Application Publication, Publication No.: US 2002/0197522 A1, Publication Date: 12/26/2002, FUEL CELL ASSEMBLY FOR PORTABLE ELECTRONIC DEVICES AND INTERFACE, CONTROL, AND REGULATOR CIRCUIT FOR FUEL CELL POWERED ELECTRONIC DEVICE, Lawrence et al., all pages.	
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